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NPIC/TSSG/DED-1525-69
5 March 1969

MEMORANDUM FOR: Employee Suggestion Committee

SUBJECT : Employee Suggestion Entitled: Stereo TV

1. The purpose of this memo is to provide supplemental information on the subject suggestion submitted 6 January 1969.

2. In the past, TSSG has spent considerable study effort in determining the feasibility of utilizing TV systems to aid NPIC operations. Project #09037, Closed Circuit TV System, and Project #10167, Magnetic Tape to Photo Reproducer, were two projects that concerned this area of interest. Other Government agencies have also been studying the value of TV usage for their operations. Many organizations are already using television for educational purposes, remote observation of areas for security purposes, and for the transmission of information. The TICOF program uses closed circuit TV systems and IAS has an experimental TV system in operation. Several instruments that have been developed by TSSG use closed circuit TV; the Change Detector is an example. Areas where TV systems can be useful at NPIC are in the transmission of imagery from one PI to another, from a PI to his supervisor, from a library or other information source to an individual, etc.

3. Among the reasons for not implementing TV systems at NPIC on a greater scale have been the inability of a system to transmit stereo imagery and the poor quality of imagery available at reasonable costs. These two objections can be overcome with the subject suggestion.

4. The applications of the suggestion are not necessarily limited to NPIC or even to the Agency. In fact, it could easily have commercial applications. The principle could even be used in aerial surveillance systems. In short, applications can be found at NPIC, other Government locations, in industry and in surveillance systems. The suggested system has many embodiments. It is possible to gain the stereo using only one camera and either mirrors or electronics to produce a mirroring effect.

5. Please call me on extension for further information regarding this subject.

TSSG/DED/R&D Branch-II

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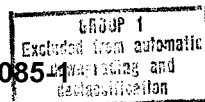
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